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correct CMY color values by subtracting generated black K value from CMY |  Advanced Search  
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Web Scholar Results 1 - 10 of about 28,800 for correct CMY color values by subtracting generated black

### Scholarly articles for correct CMY color values by subtracting generated black K value from CMY

 [Color printing, correction, and conversion apparatus and ...](#) - Lee - Cited by 19  
[Image processing system with improved color compensation ...](#) - Vo - Cited by 9  
[End-to-End Color Printer Calibration by Total Least ...](#) - Xia - Cited by 22

### The CMYK Color Scheme

The applications software may **generate black** along with CMY data. ... 0.25 (the K value) is subtracted from each of the C, M, and Y values, resulting in: ...  
[steve.hollasch.net/cgindex/color/cmyk.html](http://steve.hollasch.net/cgindex/color/cmyk.html) - 9k - [Cached](#) - [Similar pages](#) - [Note this](#)

### Reducing quantization errors in imaging systems - Patent 6853468

The **generated CMY values** in one example range from 0 to 128 when .... for the **color** components and, if appropriate, for the **black (K)** ink components. ...  
[www.freepatentsonline.com/6853468.html](http://www.freepatentsonline.com/6853468.html) - 46k - [Cached](#) - [Similar pages](#) - [Note this](#)

### Efficient under color removal - Patent 7202974

Since the RGB and **CMY color** formats are comprised of complementary primary colors, .... 3, the initial combined **color** word, or **black value K**, ...  
[www.freepatentsonline.com/7202974.html](http://www.freepatentsonline.com/7202974.html) - 44k - [Cached](#) - [Similar pages](#) - [Note this](#)  
[ [More results from www.freepatentsonline.com](#) ]

### Image processing system with improved color compensation when ...

Whilst fine in theory, this point-by-point **black (K)** value allocation does not work well in practice. As mentioned hereinabove, when the three **CMY color** ...  
[www.patentstorm.us/patents/5568596-description.html](http://www.patentstorm.us/patents/5568596-description.html) - 53k -  
[Cached](#) - [Similar pages](#) - [Note this](#)

### Color printing, correction, and conversion apparatus and method ...

To correct for this, **black (K)** ink is added to assist in the reproduction .... In the **CMY** circuit 74 "Pi" are converted to **CMY color values** by taking their ...  
[www.patentstorm.us/patents/5077604-description.html](http://www.patentstorm.us/patents/5077604-description.html) - 34k -  
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[ [More results from www.patentstorm.us](#) ]

### Digital Colour Basics

Switching between RGB and **CMY color** systems is as simple as turning the model over. ... Other models of **color** are based on measured output **values** (what the ...  
[www.colorcube.com/articles/basics/basics.htm](http://www.colorcube.com/articles/basics/basics.htm) - 25k - [Cached](#) - [Similar pages](#) - [Note this](#)

### WCS Color Device Model Profile Schema and Algorithms

The **CMYK** device is treated as a collection of several **CMY** devices, each of which has a specific **value of black (K)**. Using a selection algorithm that takes ...  
[msdn2.microsoft.com/en-us/library/ms536898.aspx](http://msdn2.microsoft.com/en-us/library/ms536898.aspx) - 90k -  
[Cached](#) - [Similar pages](#) - [Note this](#)

### [PDF] Improving Image Performance by Using Color Lookup Tables

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
values to the **CMY color values**. Note there are always four components passed to ...



functions to produce a fourth component for the **black (K) process color**. ...  
[partners.adobe.com/public/developer/en/ps/sdk/5121.CLUT.pdf](http://partners.adobe.com/public/developer/en/ps/sdk/5121.CLUT.pdf) - [Similar pages](#) - [Note this](#)

[\[PDF\]](#) [1 Image Models for Fractals](#)

File Format: PDF/Adobe Acrobat

Fig. 1.1. CIE-1976 diagram shows the relative placement of different **colour values** according to their wavelengths. give the **black (K) colour** (K is usually ...  
[www.springerlink.com/index/rw70q70q3561nk43.pdf](http://www.springerlink.com/index/rw70q70q3561nk43.pdf) - [Similar pages](#) - [Note this](#)

[\[PDF\]](#) [Color Management white paper](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Graphic arts printing makes use of **CMY (K)** inks which are cyan, magenta, ... **CMYK values** to print a specific **color** on the printer or press sheet (via the ...  
[www.globalgraphics.com/pdfs/products/colorpro\\_wp.pdf](http://www.globalgraphics.com/pdfs/products/colorpro_wp.pdf) - [Similar pages](#) - [Note this](#)

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### **Black generation** method for CMYK color printer using multiple ...

A method of determining colorant amounts to be laid down in a color printer includes determining an initial set of cyan, magenta and yellow (CMY) values; ...

[www.freepatentsonline.com/7019868.html](http://www.freepatentsonline.com/7019868.html) - 72k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Black generation** for color management system - Patent 6778300

3A, **black generation** algorithm 160 is applied to CMY color data 150 in order to ....

Therefore, CMM 144 applies source **black generation** algorithm 182 to CMY ...

[www.freepatentsonline.com/6778300.html](http://www.freepatentsonline.com/6778300.html) - 66k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Adjusting the separation type and **black generation****

**Black generation** examples: A. No **black generation** (Composite image, CMY, K) B. Medium **black generation** (Composite image, CMY, K) C. Maximum **black generation** ...  
[www.cellbio.duke.edu/faculty/klingensmith/Adobe%20Photoshop%207/Help/1\\_7\\_20\\_4.html](http://www.cellbio.duke.edu/faculty/klingensmith/Adobe%20Photoshop%207/Help/1_7_20_4.html)  
- 8k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Black generation** method for CMYK color printer using multiple ...

**Black generation** method for CMYK color printer using multiple lookup tables and interpolation - US Patent 7019868 from Patent Storm. A method of determining ...  
[www.patentstorm.us/patents/7019868.html](http://www.patentstorm.us/patents/7019868.html) - 19k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Black generation** for color management system - US Patent 6778300

applying the source **black generation** algorithm obtained in the accessing step to the CMY destination color data to generate the CMYK destination color data. ...

[www.patentstorm.us/patents/6778300-claims.html](http://www.patentstorm.us/patents/6778300-claims.html) - 27k - [Cached](#) - [Similar pages](#) - [Note this](#)  
[ More results from [www.patentstorm.us](http://www.patentstorm.us) ]

### **Black Generation Using Lightness Scaling (ResearchIndex)**

**Black Generation Using Lightness Scaling (2000)** (Make Corrections) ... that adding a **black** colorant to any combination of CMY colorants does not result in a ...  
[citeseer.ist.psu.edu/cholewo00black.html](http://citeseer.ist.psu.edu/cholewo00black.html) - 17k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Black generation** using lightness scaling

Use of **black** colorant on the gray axis is enforced by modifying the initial distribution of CMY points through an approximate **black generation** transform. ...  
[adsabs.harvard.edu/abs/1999SPIE.3963..323C](http://adsabs.harvard.edu/abs/1999SPIE.3963..323C) - [Similar pages](#) - [Note this](#)

### **The CMYK Color Scheme**

Since ideally CMY is the complement of RGB, the following linear ... **Black generation** is the process of calculating the amount of **black** to be used. ...  
[steve.hollasch.net/cgindex/color/cmyk.html](http://steve.hollasch.net/cgindex/color/cmyk.html) - 9k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Why not Photoshop CMYK for color separations?**

In other words, you can't get to a true CMY just by specifying None for the **Black Generation** setting. (6, 7) **Black Ink Limit: 100%**, **Total Ink Limit 300%** ...  
[www.pacifier.com/~kthayer/html/CMYK.html](http://www.pacifier.com/~kthayer/html/CMYK.html) - 14k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **The Hidden Power of Photoshop CS: Chapter 2: Color Separations. Pt ...**

For CMYK conversion, color has to be remapped from RGB to CMY, and **black** has ...  
**Black generation** lets you determine how closely **generation** of blacks will ...  
[www.webreference.com/graphics/ps2/6.html](http://www.webreference.com/graphics/ps2/6.html) - 30k - [Cached](#) - [Similar pages](#) - [Note this](#)

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